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TITLE : COATING AGENT AND BUILDING MATERIAL

ABSTRACT : PROBLEM TO BE SOLVED: To obtain a coating agent capable of forming a coating material having high opacifying properties and self-cleaning property without causing environmental pollution, excellent in appearance and self-cleaning property and useful for production, etc., of inexpensive building materials by compounding a specific amount of titanium oxide which is a light catalyst and a specific aqueous inorganic binder with water.

SOLUTION: This coating agent is obtained by compounding (A) preferably  $\geq 20$ wt.% titanium oxide which is a light catalyst, (B) preferably 10.0-30.0wt.% lithium silicate which is an aqueous inorganic binder with (C) water. Furthermore, the coating agent is applied in an amount of  $50\text{g/m}^2$  to a building material such as a ceiling material or a rock wool sound-absorbing board.

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